

118664  
DOD Hazardous Materials Information System

DoD 6050.5-L

AS OF July 1998

FSC: 8040  
NIIN: 001429193  
Manufacturer's CAGE: 05972  
Part No. Indicator: C  
Part Number/Trade Name: ADHESIVE CYANOACRYLATE,18161,49550

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General Information

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Item Name: ADHESIVE  
Company's Name: LOCTITE CORPORATION  
Company's Street: 705-NORTH MOUNTAIN ROAD  
Company's P. O. Box: N/K  
Company's City: NEWINGTON  
Company's State: CT  
Company's Country: US  
Company's Zip Code: 06111  
Company's Emerg Ph #: 203-278-1280  
Company's Info Ph #: 203-278-1280  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: D  
Record No. For Safety Entry: 006  
Tot Safety Entries This Stk#: 024  
Status: FE  
Date MSDS Prepared: 04JAN94  
Safety Data Review Date: 14FEB95  
Supply Item Manager: 75  
MSDS Preparer's Name: STEPHEN REPETTO  
Preparer's Company:  
Preparer's St Or P. O. Box:  
Preparer's City:  
Preparer's State:  
Preparer's Zip Code:

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Other MSDS Number:  
MSDS Serial Number: BWLBR  
Specification Number: MIL-A-46050C  
Spec Type, Grade, Class: TYPE 2, CLASS 2  
Hazard Characteristic Code: F8  
Unit Of Issue: BX  
Unit Of Issue Container Qty: 10 X 1.0 FL Z  
Type Of Container: BOX  
Net Unit Weight: 0.7 LB

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NRC/State License Number: NOT RELEVANT  
Net Explosive Weight:  
Net Propellant Weight-Ammo: N/R  
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: ETHYL CYANOACRYLATE  
Ingredient Sequence Number: 01  
Percent: 90 - 95  
Ingredient Action Code:  
Ingredient Focal Point: D  
NIOSH (RTECS) Number: 1008456EC  
CAS Number: 7085-85-0  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
Ingredient: POLYMETHYLMETHACRYLATE  
Ingredient Sequence Number: 02  
Percent: 5 - 10  
Ingredient Action Code:  
Ingredient Focal Point: D  
NIOSH (RTECS) Number: TR0400000  
CAS Number: 9011-14-7  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
Ingredient: HYDROQUINONE (SARA 302/313) (CERCLA)  
Ingredient Sequence Number: 03

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Percent: 0.1-0.5  
Ingredient Action Code:  
Ingredient Focal Point: D  
NIOSH (RTECS) Number: MX3500000  
CAS Number: 123-31-9  
OSHA PEL: 2 MG/M3  
ACGIH TLV: 2 MG/M3; 9495  
Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
Ingredient: VOLITILE ORGANIC CONTENT AS LISTED ON MSDS: 992 G/L.  
Ingredient Sequence Number: 04  
Percent: N/R  
Ingredient Action Code:  
Ingredient Focal Point: D  
NIOSH (RTECS) Number: 9999999VC  
CAS Number:  
OSHA PEL: NOT RELEVANT  
ACGIH TLV: NOT RELEVANT

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Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR LIQUID - SHARP, IRRITATING ODOR  
Boiling Point: >300F,>149C  
Melting Point: NOT KNOWN  
Vapor Pressure (MM Hg/70 F): <0.2 @ 75F  
Vapor Density (Air=1): APPROX 3  
Specific Gravity: 1.09  
Decomposition Temperature: UNKNOWN  
Evaporation Rate And Ref: UNKNOWN  
Solubility In Water: POLYMERIZES  
Percent Volatiles By Volume: 91  
Viscosity: UNKNOWN  
pH: N/R  
Radioactivity:  
Form (Radioactive Matl):  
Magnetism (Milligauss): N/P  
Corrosion Rate (IPY): UNKNOWN  
Autoignition Temperature: N/K

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Fire and Explosion Hazard Data

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Flash Point: 150F,66C  
Flash Point Method: TCC  
Lower Explosive Limit: N/K  
Upper Explosive Limit: N/K  
Extinguishing Media: CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SP  
RAY  
MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.  
Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVE  
D  
SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire And Expl Hazrds: NONE  
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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): EXCESSIVE HEAT, OPEN FLAMES  
Materials To Avoid: ALCOHOLS, WATER, AMINES, ALKALIES  
Hazardous Decomp Products: MAY FORM CARBON MONOXIDE, CARBON DIOXIDE,  
IRRITATING ORGANIC FRAGMENTS  
Hazardous Poly Occur: YES  
Conditions To Avoid (Poly): WATER, ALCOHOLS, AMINES, ALKALIES  
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Health Hazard Data  
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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS >5,000 MG/KG.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: TARGET ORGANS:EYES, SKIN, RESPIRATORY TR  
ACT.  
ACUTE- EYE AND SKIN IRRITANT. SKIN CONTACT MAY CAUSE BURNS. BONDS SKIN  
RAPIDLY AND STRONGLY. ORAL TOXICITY IS LOW. VAPOR IS IRRITATING TO EYE  
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AND MUCOUS MEMBRANES ABOVE TLV. PROLONGED & REPEATED OVEREXPOSURE TO V  
APORS  
MAY CAUSE ALLERGIC REACTION (ASTHMA). CHRONIC- UNKNOWN.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO

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Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: EYE, SKIN, RESPIRATORY TRACT IRRITATION, BONDING SKIN, SKIN BURNS

Med Cond Aggravated By Exp: PRE-EXISTING RESPIRATORY AND SKIN DISEASES MAY

BE AGGRAVATED.

Emergency/First Aid Proc: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

SKIN:REMOVE EXCESS ADHESIVE. SOAK IN WARM, SOAPY WATER. THE ADHESIVE WILL

COME LOOSE IN SEVERAL HOURS. EYES:WASH THOROUGHLY WITH WARM WATER & APPLY A

GAUZE PATCH. THE EYE WILL OPEN IN 1-4 DAYS. INHALED:MOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:ALMOST IMPOSSIBLE TO SWALLOW. IF LIPS

ARE STUCK TOGETHER, APPLY LOTS OF WARM WATER.

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#### Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES

OF IGNITION. VENTILATE AREA. CONTAIN SPILL. FLOOD WITH WATER TO POLYMERIZE.

PICK UP WITH INERT ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER FOR

DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent: WATER

Waste Disposal Method: POLYMERIZE AND INCINERATE IN ACCORDANCE WITH ALL

LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: STORE AT OR BELOW 75F. KEEP AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPORS. KEEP OUT OF REACH OF CHILDREN.

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#### Control Measures

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Respiratory Protection: IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION (REFER TO 29 CFR 1910.134).

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF )

VENTILATION TO MAINTAIN EXPOSURE BELOW PEL(S).

Protective Gloves: NITRILES/POLYETHYLENE, NO COTTON

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

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Other Protective Equipment: PROVIDE EYEWASH STATION AND EMERGENCY SHOWERS.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Suppl. Safety & Health Data: FORMULA CHANGED. FOR PREVIOUS FORMULATION  
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SEE PNI A, SAME NSN. PNI B HAS DIFFERENT TRADE NAME AND PART NUMBER.

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Transportation Data

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Transportation Action Code:  
Transportation Focal Point: D  
Trans Data Review Date: 95045  
DOT PSN Code: ZZZ  
DOT Symbol: N/R

Report for NIIN: 001429193

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
DOT Class: N/R  
DOT ID Number: N/R  
DOT Pack Group: N/R  
DOT Label: N/R  
DOT/DoD Exemption Number:  
IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
N  
IMO Regulations Page Number: N/R  
IMO UN Number: N/R  
IMO UN Class: N/R  
IMO Subsidiary Risk Label: N/R  
IATA PSN Code: ZZZ  
IATA UN ID Number: N/R  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
N  
IATA UN Class: N/R  
IATA Subsidiary Risk Class: N/R  
IATA Label: N/R  
AFI PSN Code: ZZZ  
AFI Symbols:  
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
AFI Class: N/R  
AFI ID Number: N/R  
AFI Pack Group: N/R  
AFI Label: N/R  
AFI Special Prov:

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AFI Basic Pac Ref:  
MMAC Code:  
N.O.S. Shipping Name:  
Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:  
Disposal Data Focal Point:  
Disposal Data Review Date:  
Rec # For This Disp Entry:  
Tot Disp Entries Per NSN:  
Landfill Ban Item:  
Disposal Supplemental Data:  
1st EPA Haz Wst Code New:  
1st EPA Haz Wst Name New:  
1st EPA Haz Wst Char New:  
1st EPA Acute Hazard New:  
2nd EPA Haz Wst Code New:  
2nd EPA Haz Wst Name New:  
2nd EPA Haz Wst Char New:  
2nd EPA Acute Hazard New:  
3rd EPA Haz Wst Code New:  
3rd EPA Haz Wst Name New:  
3rd EPA Haz Wst Char New:  
3rd EPA Acute Hazard New:

Report for NIIN: 001429193

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Label Data

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Label Required: YES  
Technical Review Date: 14FEB95  
Label Date:  
MFR Label Number: NOT RELEVANT  
Label Status: F  
Common Name: ADHESIVE CYANOACRYLATE,18161,49550  
Chronic Hazard: N/P  
Signal Word: WARNING!  
Acute Health Hazard-None:  
Acute Health Hazard-Slight: X  
Acute Health Hazard-Moderate:  
Acute Health Hazard-Severe:

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Contact Hazard-None:  
Contact Hazard-Slight: X  
Contact Hazard-Moderate:  
Contact Hazard-Severe:  
Fire Hazard-None:  
Fire Hazard-Slight: X  
Fire Hazard-Moderate:  
Fire Hazard-Severe:  
Reactivity Hazard-None:  
Reactivity Hazard-Slight:  
Reactivity Hazard-Moderate: X  
Reactivity Hazard-Severe:  
Special Hazard Precautions: TARGET ORGANS:EYES, SKIN, RESPIRATORY TRAC  
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WATER. INHALED:MOVE TO FRESH AIR. ORAL:IMPOSSIBLE TO SWALLOW. APPLY LO  
TS OF  
WARM WATER TO LIPS.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory:  
Label Name: LOCTITE CORPORATION  
Label Street: 705-NORTH MOUNTAIN ROAD  
Label P.O. Box: N/K  
Label City: NEWINGTON  
Label State: CT  
Label Zip Code: 06111  
Label Country: US  
Label Emergency Number: 203-278-1280  
Year Procured: